

SIDDHARTH GARG



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PROFESSIONAL SUMMARY

Passionate developer, inquisitive, fast learner with experience in Full Stack Web Development and a specialist in Artificial Intelligence and Data Science. Well equipped with advanced level python, C++. Experience in creating end to end pipelines for data science projects. Deployed models on REST API, Object Detection on Raspberry Pi. IBM's Professional Certification in AI, Specialization in Deep Learning.

WORK EXPERIENCE

Computer Vision Engineer, FindMind Analytics

Feb 2020 - Present

Programmed a high accuracy end to end pipeline with a REST API for OCR and masking of client customer's sensitive documents using object detection, increasing speed 30x and accuracy to 97% from 60%

Deep Learning Lead, The Symbiotic Company

May 2020 - Present

Produced a Dataset and Developed a deep learning based object detection model for recognizing different grip patterns, to be fed into a 3D prosthetic robotic hand.

POSITIONS OF RESPONSIBILITY

Creative Head, Mozilla Firefox Club VIT

2019 - Present

Oversaw the club's activities, mentored designers, guided junior members in technical projects.

Senior Core Committee Member, Technical Computer Society of India, VIT

2018 - 2019

Organized hackathons, lead workshops and programmed CTFs, with amazingly talented people I was fortunate enough to work with them on projects exposing students to new concepts.

Marketing Head, Vellore Executive Board & Volunteer

ERIDE (NGO)

2018 - Present

Empowering Rural India with Digital Education (ERIDE) aims on delivering digital literacy to underprivileged people. Joined as a freshman, from teaching kids in orphanages, community centres to leading the NGO as a board member.

ACHIEVEMENTS

Winner, RCPC 2019

Coding Competition, involving several rounds by ACM, VIT

Runner Up, Hackathon by VIT

Hello World 2.0 hack conducted by VinnovateVIT

Winner, Jumble Ladder 2018

Competitive Coding at Gravitas 2018, Technical Fest of VIT

DBMS Hackathon, VIT 2019, 3rd

Database Management and Systems hackathon conducted by VIT

LINKS



<https://github.com/realsidg/>



<https://www.linkedin.com/in/sidg510/>

EDUCATION

Btech, Computer Science with Spec. in Bioinformatics

VIT Vellore (Institute of Eminence)

2018 - Present

Current CGPA 8.9

12th Grade, All India Senior School Certificate Examination

(AISCE)

Delhi Public School, RK Puram

2015 - 2017

Score: 90%

Subjects - Computer Science, Multimedia and Web-tech, English, Mathematics, Physics and Chemistry

10th Grade, All India Secondary School Certificate (AISSC)

Delhi Public School, Agra

2007 - 2015

CGPA 9.4

SKILLS

Programming

Python, C++, C, Java, JavaScript, SQL

Machine Learning/ AI

CNNs, RNNs, Image Recognition, Sentiment Analysis, Topic Modeling, ObjectDetection, Tensorflow, Keras, PyTorch, Darknet

Web Development

Django, Flask, NodeJS, HTML, CSS, PHP, ReactJS

UI/UX

Adobe Illustrator, Adobe Photoshop, Canva, Adobe XD

PROJECTS

REST API for OCR and masking of sensitive data in Identity documents using image processing and object detection

Feb 2020 - Present

Sentiment Analysis and Topic Modelling of primetime News-hour Debates from different news channels

March 2020

Customer Segmentation using RFM technique

December 2019

TB Saathi (Tuberculosis Diagnosis using neural networks tool)

Nov 2019

2nd Prize in Hello World Hack by Vinnovate VIT

Minesweeper construction & solving algorithm

Dec 2018 - April 2019

Extracting value of noised video dashboard of an aeroplane using video processing

Sep 2018

COURSEWORK

UNDERGRADUATE

Discrete Mathematics | Database Management Systems | Operating Systems | Statistics for Engineers | Theory Of Computation and Compiler Design | Object Oriented Programming | Data Structures and Algorithms | Computer Architecture and Organization

ONLINE

• AI Engineering Professional Certificate by IBM

Machine Learning with Python | Deep Learning & Neural Networks with Keras | Scalable ML on Big Data using Apache Spark | Deep Neural Networks with PyTorch | Building Deep Learning Models with TensorFlow | AI Capstone Project with Deep Learning

• Deep Learning Specialization by deeplearning.ai

Sequence Models | Neural Networks & Deep Learning | Structuring Machine Learning Projects | Convolutional Neural Networks